



Sheet 1 of 1

SEP PTO-449 1996 8-83		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 66331.P002	SERIAL NO. 816207 08/943762
INFORMATION DISCLOSURE CITATION		APPLICANT Andrew Laursen, et al			
(Use several sheets if necessary)		FILING DATE 11-21-94	GROUP 2317		
U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS FILING DATE IF APPROPRIATE
					EP 2-1
					PH 12:01
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUBCLASS TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
CH	✓	IBM Almaden Research Center, The Shark Continuous-Media File Server, Roger L. Haskin			
CH	✓	IBM Almaden Research Center, A System for the Delivery of Interactive Television Programming, Roger L. Haskin and Frank L. Stein from the IBM Network Application Systems			
CH					
CH					
EXAMINER CHRISTOPHER B. SHIN PRIMARY EXAMINER GROUP 2300	DATE CONSIDERED 6-16-97				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



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Sheet 1 of 1

INFORMATION DISCLOSURE CITATION

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Ch	0 5 2 9 8 6 4	3/3/91	EPO	GO6F	15/16		
1	9 4 0 1 9 6 4	1/20/94	PCT	HO4N	1/00		
	0 3 3 2 1 4 8	9/13/89	EPO	GO6F	9/46		
~	9 5 1 2 9 4 7	5/11/95	PCT	HO4L	29/06		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		International Search Report, PCT/US95/15279.

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PRIMARY EXAMINER
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6-16-97